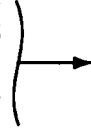


htir1 1	MLCTARVCIQILISCOAFACHSTES	SPFTLPGDMHILGIFPL	SSGCLQVRH	FRVTLDRSCS	VEGTHIFOMRLQVEEINN	STALHPNTHG	GOIMDVCS	SANVATIRVI	115
rtir1 1	MLFWAHLISQI	VVONAFSCORTES	SPFSLPGDEHILGIFSL	GDCLQVRH	FRVTLDRSCS	VEGTHIFOMRLQVEEINN	STALHPNTHG	GOIMDVCS	118
htir2 1	MGPRKTCISIFF	GLMVLAF--AE	NSDFMLPGDEHILGIFSL	FANMKGVLHNFLOV	CK-EYEVKVLGN	QAMRPAVEEINN	SSILPVLG	VEHVDVOYI	115
rtir2 1	MGPRKTCISIFF	GLMVLAF--AE	NSDFMLPGDEHILGIFSL	FANMKGVLHNFLOV	CK-EYEVKVLGN	QAMRPAVEEINN	SSILPVLG	VEHVDVOYI	118
htir3 1	MLGPAMGISMAIHPGTCALOLS	MLHVLKPGMIVE	NSDFMLPGDEHILGIFSL	FANMKGVLHNFLOV	CK-EYEVKVLGN	QAMRPAVEEINN	SSILPVLG	VEHVDVOYI	117
rtir3 1	MLGPAMGISMAIHPGTCALOLS	MLHVLKPGMIVE	NSDFMLPGDEHILGIFSL	FANMKGVLHNFLOV	CK-EYEVKVLGN	QAMRPAVEEINN	SSILPVLG	VEHVDVOYI	117
mGluR1 1	MVRLLIFFPMITEMS	PRMPDRKVL	LAGASSOR	VARMEDVITLALFSLV	OPPEKVPE	-----RQCG	-----EIROQ	GIORVEMHETL	123
htir1 120	SLPG	QHFTEI	QDLHVSF	TLAVIGPDS	INRMAITLALIS	SPFLP	STAPASSET	SVAGVPS	236
rtir1 119	ALQG	PHLFIQ	QDLHVSF	KAVBILGPD	VIDHATVALLIG	PEHMLVSYE	SSVLSK	KEPSEL	235
htir2 116	AHE	DMILPHOD	ISNITS	KAVAVIGPD	INRMAITLALIS	SPFLP	STAPASSET	SVAGVPS	231
rtir2 119	AOD	DLHLKQ	VSOMF	HAVAVIGPD	INRMAITLALIS	SPFLP	STAPASSET	SVAGVPS	235
htir3 118	AKAG	SRUAAVCN	VOYCP	RVIJAVIGPD	INRMAITLALIS	SPFLP	STAPASSET	SVAGVPS	234
rtir3 118	AKVG	SOSTAAVCN	VOYCP	RVIJAVIGPD	INRMAITLALIS	SPFLP	STAPASSET	SVAGVPS	234
mGluR1 124	RDSLSIRDEX	QJNRCULP	DCQTL	PGRTKKPIAG	IGHSSSV	ALQOMLOJ	EDIPQJLS	ISJLSDN	252
htir1 237	ICIAFKDIMP	FSQVIG	DER--MCLMB	HTAG	AGATVAAFFSS	ROIAFVETES	SMATIN	TKAVANA	354
rtir1 236	ICIAFKDIMP	FSQVIG	DER--MCLMB	HTAG	AGATVAAFFSS	ROIAFVETES	SMATIN	TKAVANA	353
htir2 232	ICIAFOETIT	LOPNO	NTSEFOR	LTVIKLOO	STARVAVFSP	DLTHIFFNE	MLFONET	GAVAVITA	355
rtir2 236	ICIAFOEVI	PIESSOV	MRSEFOR	LDNITDKLR	TSARVAVFSP	DLTHIFFNE	MLFONET	GAVAVITA	359
htir3 235	ICIAEGH	PLPRADD	SRUGKV	QDMHONV	SSVQVMTL	FASSVHA	HALFNYS	ISSRUSPK	355
rtir3 235	ICIAEGH	PLPRADD	SRUGKV	QDMHONV	SSVQVMTL	FASSVHA	HALFNYS	ISSRUSPK	355
mGluR1 253	LOLHSS	KIYSN	GEK	-----SFDRL	IRKIRER	IPARVAV	CEGNTV	QJLSAMR	373
htir1 355	G	SWCS	SVQLO	REQOAF	MAHTMPK	KAFS	-----MSSA	MAVATVAV	466
rtir1 354	G	SWCS	SVQLO	REQOAF	MAHTMPK	KAFS	-----MSSA	MAVATVAV	465
htir2 356	S	YIG	MOOD	CLMATS	FNITIL	ILSG	-----ERW	MSVSAV	465
rtir2 360	R	TTG	MOOD	CLMATS	FNITIL	ILSG	-----ERW	MSVSAV	469
htir3 356	EREQLE	DVVG	POPO	DCITLON	VSAGLN	-----HHOT	ESVAAV	SVAAQAL	471
rtir3 355	AELDL	ERVMG	PROS	QODYT	IMONLSS	GIMONL	SAGOLH	IFATVAV	478
mGluR1 374	HR	-----FQ	RLPCHL	LEN	PNKVK	CTGNE	SEENYVQ	-----DS	497

TO FIG. 1B

FIG. 1A

FROM FIG. 1A



hTIR1 467 SSTWSPVQIMNENKIGWHGKGVVVRVSVSSDCTGHOR-VWIGHHCCFECVPCAGSTFIAL-KSDLYRCOPCKEFAWPESSQTCPPRMVETALREHISMILANITIIETIICTAGCFAMHLDI 594
 rTIR1 466 SSASLSVVELINKKIQHGHKNNQVPSVQITDCTACHRP-VVVGSHCCFECVPCAGSTFIAL-MSELHICOPGTEFAWPESSQTCPPRMVETALREHISMILANITIIETIICTAGCFAMHLDI 593
 hTIR2 466 ASYPLQROQIKN-IQDUSHEIMANNITIPAGVCSARCOSQAK-KPVGUHVCCFECVPCAGSTFIAL-KSDLYRCOPCKEFAWPESSQTCPPRMVETALREHISMILANITIIETIICTAGCFAMHLDI 593
 rTIR2 470 ASISPTSKRUTY-INNVSMTHANNITIPAGVCSARCOSQAK-KPVGUHVCCFECVPCAGSTFIAL-KSDLYRCOPCKEFAWPESSQTCPPRMVETALREHISMILANITIIETIICTAGCFAMHLDI 597
 hTIR3 472 GRFN-GSLRTER--ILGRWHISDNOKPVSRCSRCQCDGOMR-RVKGHSCQVDVIDEAGSRO-NPDDIAOTFCODEKSPESSTRCERRRSGRTAWGEPAMUJIIHLSJATCTMFAAGGFVHHRDS 596
 rTIR3 479 GFN-GTLOOH--SKMYLFG--NVARVSCSRCQCDGOMR-RVKGHSCQVDVIDEAGSRO-NPDDIAOTFCODEKSPESSTRCERRRSGRTAWGEPAMUJIIHLSJATCTMFAAGGFVHHRDS 601
 mGluR1 498 GTWH--EGMINDDYKIQWKK--SGMVRSCSRPCTGQIKVIRKGVSCVWITQACKENEFVQ---DEETORADGLGMNPABHUGGHPIDAYLENSDIESIIATFESQIIMVFIETIIIVAYDI 620

 hTIR1 595 PAVSAGRLCFIMIGSTIAAGSGSLYGFGEPTRPACILIRQALEFALGHTIFISQIVRSFCLITIKFSKIMVPIHYHAWVONHGHCFVW-TSSAACITITICTIMVWVPIIPA-ROYORPHIMVTEOTE 722
 rTIR1 594 PAVSAGRLCFIMIGSTIAAGSGSLYGFGEPTRPACILIRQALEFALGHTIFISQIVRSFCLITIKFSKIMVPIHYHAWVONHGHCFVW-TSSAACITITICTIMVWVPIIPA-ROYORPHIMVTEOTE 721
 hTIR2 594 HTIRSGCPVCFIMITILLVAYMMVTVGPPENSTCIRQALEFALGHTIFISQIVRSFCLITIKFSKIMVPIHYHAWVONHGHCFVW-TSSAACITITICTIMVWVPIIPA-ROYORPHIMVTEOTE 722
 rTIR2 598 PAVSAGCPVCFIMITILLVAYMMVTVGPPENSTCIRQALEFALGHTIFISQIVRSFCLITIKFSKIMVPIHYHAWVONHGHCFVW-TSSAACITITICTIMVWVPIIPA-ROYORPHIMVTEOTE 726
 hTIR3 597 PLVQSGGHACFGVNOELVCSVLIFPEQSPARCIAQOPLSHIPITIGCSLITIFLOAAHIEVSELPISWADRLSGCIRGPMIMVL-LAMIMEVAICTMVAIPPEVW-TDWHMIPTEALVHORT 724
 rTIR3 602 PLVQSGSUECFEITICIECLSVLIFPEQSPARCIAQOPLSHIPITIGCSLITIFLOAAHIEVSELPISWADRLSGCIRGPMIMVL-LAMIMEVAICTMVAIPPEVW-TDWHMIPTEALVHORT 729
 mGluR1 621 PAVKSSRRLEQYIILAGLELGVVCPFTLIANKPITTSQVLORLINGLSSAMQVSAIVTKTNRIRIACSKKICTRKPRPMSAMOMITISILISQITIIATLIIMEPPIPI-LSYFESIK-EVMTIQNT 748

 hTIR1 723 TNSIGHTILAFNLGHSISAFACSHGGLPPEVNEAKOMIESLIEVMSWDAEFTTASWVDGKVPANMMAGISSISSGGCGVHPKQWVILCRPDIANSSTHIFQASTODVETRCGST----- 841
 rTIR1 722 VNSIGHTILAFNLGHSISAFACSHGGLPPEVNEAKOMIESLIEVMSWDAEFTTASWVDGKVPANMMAGISSISSGGCGVHPKQWVILCRPDIANSSTHIFQASTODVETRCGST----- 840
 hTIR2 723 NYRNGHLENTSLDILASVVGESPMVGGELPPEVNEAKOMIESLIEVMSWDAEFTTASWVDGKVPANMMAGISSISSGGCGVHPKQWVILCRPDIANSSTHIFQASTODVETRCGST----- 839
 rTIR2 727 NYRNGHLENTSMDLILASVVGESPMVGGELPPEVNEAKOMIESLIEVMSWDAEFTTASWVDGKVPANMMAGISSISSGGCGVHPKQWVILCRPDIANSSTHIFQASTODVETRCGST----- 843
 hTIR3 725 RSMWSGLAHATVATATLQFLGTELVRSQGRNARGHTEPMADATHTVMSVEVELLANVQWMLPAPVQCAHIEVGLIHAFHIEPCYLLMRQPELINTPEEFLGGGPDAGQONDGN-TGNQKGHE 852
 rTIR3 730 RSMWSGLAHATVATATLQFLGTELVRSQGRNARGHTEPMADATHTVMSVEVELLANVQWMLPAPVQCAHIEVGLIHAFHIEPCYLLMRQPELINTPEEFLGGGPDAGQONDGN-TGNQKGHE 858
 mGluR1 749 SQ-LGVAPVGVNCEIILISQTYVAEAKTRNVPAFNEAKVITIEIMYTTOIILTAEEVLYFGSN--VKIITCTCFVNSTSVTVAICQETPAMVITIIAKPERN----- 845

FIG. 1B